EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same sheet adj3 material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L2	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same bank adj3 note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L3	15	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L4	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same mathematical adj3 ratio near5 reflect$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L5	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process$4 or evaluat$4 or analyz$4) same (note or sheet adj3 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L6	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process$4 or evaluat$4 or analyz$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L7	24	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L8	13	(process$4 or computer or analyz$4 or controller or evaluat$4) near5 mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L9	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L10	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 (limpness or floppiness or flaccidity or droopiness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L11	2	"6745628".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L12	2	"4612807".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L13	11	("4612807").URPN.	USPAT	OR	ON	2008/08/26 19:20
L14	37	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet or thin adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L15	2	(reflected and transmitted) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L16	2	((reflect$4 or receiv$4) and (transmitt$4 or generat$4)) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L17	2	"6026681".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L18	2	"6115127".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L19	0	(measur$4 or determin$4) near5 limpness near5 mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L20	2	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L21	0	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same (difference or quotient) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L22	7	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L23	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same sheet adj3 material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L24	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same bank adj3 note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L25	15	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L26	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same mathematical adj3 ratio near5 reflect$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L27	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process$4 or evaluat$4 or analyz$4) same (note or sheet adj3 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L28	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process$4 or evaluat$4 or analyz$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L29	24	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L30	13	(process$4 or computer or analyz$4 or controller or evaluat$4) near5 mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L31	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L32	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 (limpness or floppiness or flaccidity or droopiness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L33	2	"6745628".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L34	2	"4612807".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L35	11	("4612807").URPN.	USPAT	OR	ON	2008/08/26 19:20
L36	37	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet or thin adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L37	2	(reflected and transmitted) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L38	2	((reflect$4 or receiv$4) and (transmitt$4 or generat$4)) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L39	2	"6026681".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L40	2	"6115127".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L41	4	("5922959").URPN.	USPAT	OR	ON	2008/08/26 19:20
L42	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L43	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 (sheet adj3 material) same (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L44	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L45	2	(transmitt$4 and reflect$4) near3 wave same mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L46	2	(transmitt$4 and reflect$4) same wave same mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L47	21	(transmitt$4 and reflect$4) same wave same (difference or quotient) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L48	152	(transmitt$4 and reflect$4) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L49	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L50	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L51	0	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) near5 (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L52	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L53	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) same ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L54	646	mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L55	57035	sound adj3 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L56	16	L54 and L55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L57	3	sound adj3 wave near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L58	9	(acoustic$4 or sonic$4 or ultrasonic$4 or ultrasound $3 or sound$3 or supersonic$4 or supersound$3) same (transducer or transmitter) near5 (receiver or reflector or detector or sensor) near5 (note or sheet) same (defect or tear or hole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L59	1	11/323087	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L60	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same sheet adj3 material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L61	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same bank adj3 note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L62	15	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L63	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same mathematical adj3 ratio near5 reflect$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L64	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process$4 or evaluat$4 or analyz$4) same (note or sheet adj3 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L65	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process$4 or evaluat$4 or analyz$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L66	24	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L67	13	(process$4 or computer or analyz$4 or controller or evaluat$4) near5 mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L68	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L69	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 (limpness or floppiness or flaccidity or droopiness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L70	2	"6745628".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L71	2	"4612807".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L72	11	("4612807").URPN.	USPAT	OR	ON	2008/08/26 19:20
L73	37	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet or thin adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L74	2	(reflected and transmitted) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L75	2	((reflect$4 or receiv$4) and (transmitt$4 or generat$4)) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L76	2	"6026681".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L77	2	"6115127".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L78	0	(measur$4 or determin$4) near5 limpness near5 mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L79	2	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L80	0	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same (difference or quotient) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L81	7	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L82	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same sheet adj3 material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L83	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same bank adj3 note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L84	15	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L85	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same mathematical adj3 ratio near5 reflect$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L86	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process$4 or evaluat$4 or analyz$4) same (note or sheet adj3 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L87	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process$4 or evaluat$4 or analyz$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L88	24	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L89	13	(process$4 or computer or analyz$4 or controller or evaluat$4) near5 mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L90	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L91	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 (limpness or floppiness or flaccidity or droopiness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L92	2	"6745628".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L93	2	"4612807".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L94	11	("4612807").URPN.	USPAT	OR	ON	2008/08/26 19:20
L95	37	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet or thin adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L96	2	(reflected and transmitted) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L97	2	((reflect$4 or receiv$4) and (transmitt$4 or generat$4)) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L98	2	"6026681".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L99	2	"6115127".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L100	4	("5922959").URPN.	USPAT	OR	ON	2008/08/26 19:20

L101	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L102	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 (sheet adj3 material) same (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L103	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L104	2	(transmitt$4 and reflect$4) near3 wave same mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L105	2	(transmitt$4 and reflect$4) same wave same mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L106	21	(transmitt$4 and reflect$4) same wave same (difference or quotient) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L107	152	(transmitt$4 and reflect$4) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L108	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L109	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L110	0	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) near5 (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L111	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L112	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) same ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L113	646	mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L114	57035	sound adj3 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L115	16	L113 and L114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L116	3	sound adj3 wave near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L117	9	(acoustic$4 or sonic$4 or ultrasonic$4 or ultrasound $3 or sound$3 or supersonic$4 or supersound$3) same (transducer or transmitter) near5 (receiver or reflector or detector or sensor) near5 (note or sheet) same (defect or tear or hole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L118	1	11/323087	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L119	2	"6745628".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L120	2	"5672828".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L121	9	(acoustic or ultrasonic or ultrasound) near5 (transducer and receiver) near5 contact$4 same (sheet or object or paper or noe or banknote)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L122	5	(acoustic or ultrasonic or ultrasound) near5 (transducer and receiver) near5 contact$4 same (sheet or object or paper or note or banknote)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L123	2	"6424597".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L124	2	("6424597").URPN.	USPAT	OR	ON	2008/08/26 19:20
L125	2	("6424597").URPN.	USPAT	OR	ON	2008/08/26 19:20
L126	1	(acoustic or ultrasonic or ultrasound) near5 (transducer and receiver) near5 contact$4 same (sheet or paper or note or banknote)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L127	2	"4976150".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L128	2	"4976150".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L129	1	10/554217	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L130	2	mathematical adj3 ratio same (reflected and transmitted) near3 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L131	2	mathematical adj3 ratio same (reflected and transmitted) near5 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L132	10	mathematical adj3 ratio same (reflected and transmitted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L133	2	mathematical adj3 ratio same (reflected and transmitted) near5 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L134	2	mathematical adj3 ratio same (reflect$4 and transmitt$4) near5 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L135	1	mathematical adj3 ratio same (reflect$4 and transmitt$4) near5 (ultrasonic or ultrasound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L136	1	mathematical adj3 ratio same (reflect$4 and transmitt$4) same (ultrasonic or ultrasound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L137	5	mathematical adj3 ratio same (reflect$4 and transmitt$4) same wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L138	3	mathematical adj3 ratio same (reflect$4 and transmitt$4) same limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L139	3	mathematical adj3 ratio same limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L140	3	mathematical adj5 ratio same limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

L141	33	mathematical adj5 ratio same (ultrasonic or ultrasound or sound or sonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L142	2	mathematical adj5 ratio same (ultrasonic or ultrasound or sound or sonic) near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L143	7	limpness same (reflected and transmitted) near3 (signal or wave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L144	4	("5922959").URPN.	USPAT	OR	ON	2008/08/26 19:20
L145	0	(ultrasonic or ultrasound or sonic or sound) near5 mathematical adj1 ratio	USPAT	OR	ON	2008/08/26 19:20
L146	8	(ultrasonic or ultrasound or sonic or sound) same mathematical adj1 ratio	USPAT	OR	ON	2008/08/26 19:20
L147	0	(ultrasonic or ultrasound or sonic or sound) same limpness same ratio near3 mathematical	USPAT	OR	ON	2008/08/26 19:20
L148	0	(ultrasonic or ultrasound or sonic or sound) same limpness same ratio	USPAT	OR	ON	2008/08/26 19:20
L149	0	(ultrasonic$4 or ultrasound$4 or sonic$4 or sound$4) same limpness same ratio	USPAT	OR	ON	2008/08/26 19:20
L150	9	(ultrasonic$4 or ultrasound$4 or sonic$4 or sound$4) same limpness	USPAT	OR	ON	2008/08/26 19:20
L151	0	(reflected and transmitted) adj3 (wave or signal) same (mathematical adj1 ratio or ratio) same limpness	USPAT	OR	ON	2008/08/26 19:20
L152	353	(reflected and transmitted) adj3 (wave or signal) same (mathematical adj1 ratio or ratio)	USPAT	OR	ON	2008/08/26 19:20

L153	0	(reflected and transmitted) adj3 (wave or signal) same (mathematical adj1 ratio or ratio) same (limpness or flappiness or dropness or flacidity)	USPAT	OR	ON	2008/08/26 19:20
L154	0	(reflected and transmitted) adj3 (wave or signal) same (limpness or flappiness or dropness or flacidity)	USPAT	OR	ON	2008/08/26 19:20
L155	6	(reflected and transmitted) same (limpness or flappiness or dropness or flacidity)	USPAT	OR	ON	2008/08/26 19:20
L156	2	"2004237653"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L157	0	"US2004237653"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L158	0	"US2004 237653"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L159	0	"2004 237653"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L160	2	"2004237653"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20
L161	2	"6931931".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/26 19:20

S1	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same sheet adj3 material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 21:32
S2	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same bank adj3 note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 21:33
S3	15	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 21:33
S4	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same mathematical adj3 ratio near5 reflect$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 21:36
S5	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process $4 or evaluat$4 or analyz $4) same (note or sheet adj3 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 21:38
S6	4	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process $4 or evaluat$4 or analyz $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 21:38
S7	24	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 21:39

S8	13	(process$4 or computer or analyz$4 or controller or evaluat$4) near5 mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 21:50
S9	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 21:52
S10	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 (limpness or floppiness or flaccidity or droopiness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 21:53
S11	2	"6745628".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 22:02
S12	2	"4612807".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 22:03
S13	11	("4612807").URPN.	USPAT	OR	ON	2008/03/15 22:04
S14	37	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet or thin adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 22:07
S15	2	(reflected and transmitted) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 22:12
S16	2	((reflect$4 or receiv$4) and (transmitt$4 or generat$4)) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 22:13

S17	2	"6026681".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 22:16
S18	2	"6115127".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/15 22:18
S19	0	(measur$4 or determin$4) near5 limpness near5 mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:21
S20	2	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:22
S21	0	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same (difference or quotient) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:25
S22	7	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:25
S23	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same sheet adj3 material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S24	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same bank adj3 note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48

S25	15	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S26	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same mathematical adj3 ratio near5 reflect$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S27	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process $4 or evaluat$4 or analyz $4) same (note or sheet adj3 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S28	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process $4 or evaluat$4 or analyz $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S29	24	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S30	13	(process$4 or computer or analyz$4 or controller or evaluat$4) near5 mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S31	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48

S32	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 (limpness or floppiness or flaccidity or droopiness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S33	2	"6745628".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S34	2	"4612807".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S35	11	("4612807").URPN.	USPAT	OR	ON	2008/03/27 19:48
S36	37	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet or thin adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S37	2	(reflected and transmitted) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S38	2	((reflect$4 or receiv$4) and (transmitt$4 or generat$4)) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S39	2	"6026681".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48
S40	2	"6115127".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 19:48

S41	4	("5922959").URPN.	USPAT	OR	ON	2008/03/27 20:01
S42	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:10
S43	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 (sheet adj3 material) same (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:12
S44	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:12
S45	2	(transmitt$4 and reflect$4) near3 wave same mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:29
S46	2	(transmitt$4 and reflect$4) same wave same mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:30
S47	21	(transmitt$4 and reflect$4) same wave same (difference or quotient) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:30
S48	147	(transmitt$4 and reflect$4) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:38

S49	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:39
S50	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:40
S51	0	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) near5 (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:42
S52	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:42
S53	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (limpness or droopiness or flaccidity) same ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:42
S54	601	mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:44
S55	55179	sound adj3 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:44

S56	14	S54 and S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:44
S57	3	sound adj3 wave near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:47
S58	9	(acoustic$4 or sonic$4 or ultrasonic$4 or ultrasound $3 or sound$3 or supersonic$4 or supersound$3) same (transducer or transmitter) near5 (receiver or reflector or detector or sensor) near5 (note or sheet) same (defect or tear or hole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 20:53
S59	1	11/323087	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 22:02
S60	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same sheet adj3 material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S61	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same bank adj3 note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S62	15	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38

S63	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same mathematical adj3 ratio near5 reflect$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S64	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process$4 or evaluat$4 or analyz$4) same (note or sheet adj3 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S65	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process$4 or evaluat$4 or analyz$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S66	24	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S67	13	(process$4 or computer or analyz$4 or controller or evaluat$4) near5 mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S68	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S69	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 (limpness or floppiness or flaccidity or droopiness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38

S70	2	"6745628".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S71	2	"4612807".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S72	11	("4612807").URPN.	USPAT	OR	ON	2008/03/30 14:38
S73	37	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet or thin adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S74	2	(reflected and transmitted) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S75	2	((reflect$4 or receiv$4) and (transmitt$4 or generat$4)) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S76	2	"6026681".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S77	2	"6115127".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S78	0	(measur$4 or determin$4) near5 limpness near5 mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38

S79	2	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S80	0	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same (difference or quotient) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S81	7	(sens$4 or detect$4 or measur$4 or determin$4) near5 (limpness or defect or flaw) near5 sheet adj1 material same ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S82	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same sheet adj3 material	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S83	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same bank adj3 note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S84	15	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same note	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S85	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same mathematical adj3 ratio near5 reflect$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38

S86	3	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process $4 or evaluat$4 or analyz $4) same (note or sheet adj3 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S87	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 limpness same (process $4 or evaluat$4 or analyz $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S88	24	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S89	13	(process$4 or computer or analyz$4 or controller or evaluat$4) near5 mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S90	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S91	2	(process$4 or computer or analyz$4 or controller or evaluat$4) same mathematical adj2 ratio near5 (limpness or floppiness or flaccidity or droopiness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S92	2	"6745628".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38

S93	2	"4612807".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S94	11	("4612807").URPN.	USPAT	OR	ON	2008/03/30 14:38
S95	37	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same limpness same (note or sheet or thin adj1 material)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S96	2	(reflected and transmitted) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S97	2	((reflect$4 or receiv$4) and (transmitt$4 or generat$4)) adj3 sound near3 wave same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S98	2	"6026681".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S99	2	"6115127".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S100	4	("5922959").URPN.	USPAT	OR	ON	2008/03/30 14:38
S101	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38

S102	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) near5 (sheet adj3 material) same (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S103	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3 or supersonic$4 or supersound$3) same (limpness or floppiness or droopiness) same mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S104	2	(transmitt$4 and reflect$4) near3 wave same mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S105	2	(transmitt$4 and reflect$4) same wave same mathematical adj2 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S106	21	(transmitt$4 and reflect$4) same wave same (difference or quotient) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S107	147	(transmitt$4 and reflect$4) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S108	5	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect$4) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38

S109	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect $4) same (limpness or droopiness or flaccidity) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S110	0	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect $4) same (limpness or droopiness or flaccidity) near5 (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S111	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect $4) same (limpness or droopiness or flaccidity) same (difference or quotient or mathematical) adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S112	2	(acoustic$4 or sonic$4 or sound$3 or ultrasonic$4 or ultrasound$3) near5 (transmitt$4 and reflect $4) same (limpness or droopiness or flaccidity) same ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S113	601	mathematical adj3 ratio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S114	55185	sound adj3 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S115	14	S113 and S114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38

S116	3	sound adj3 wave near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S117	9	(acoustic$4 or sonic$4 or ultrasonic$4 or ultrasound$3 or sound$3 or supersonic$4 or supersound$3) same (transducer or transmitter) near5 (receiver or reflector or detector or sensor) near5 (note or sheet) same (defect or tear or hole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S118	1	11/323087	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 14:38
S119	2	"6745628".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 15:47
S120	2	"5672828".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 15:54
S121	9	(acoustic or ultrasonic or ultrasound) near5 (transducer and receiver) near5 contact$4 same (sheet or object or paper or noe or banknote)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 16:08
S122	5	(acoustic or ultrasonic or ultrasound) near5 (transducer and receiver) near5 contact$4 same (sheet or object or paper or note or banknote)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 16:08
S123	2	"6424597".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 16:17

S124	0	("6424597").URPN.	USPAT	OR	ON	2008/03/30 17:11
S125	0	("6424597").URPN.	USPAT	OR	ON	2008/03/30 17:12
S126	1	(acoustic or ultrasonic or ultrasound) near5 (transducer and receiver) near5 contact$4 same (sheet or paper or note or banknote)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 17:13
S127	2	"4976150".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 18:21
S128	2	"4976150".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/30 19:50
S129	1	10/554217	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:19
S130	2	mathematical adj3 ratio same (reflected and transmitted) near3 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:20
S131	2	mathematical adj3 ratio same (reflected and transmitted) near5 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:20
S132	10	mathematical adj3 ratio same (reflected and transmitted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:20
S133	2	mathematical adj3 ratio same (reflected and transmitted) near5 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:24

S134	2	mathematical adj3 ratio same (reflect$4 and transmitt$4) near5 wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:24
S135	1	mathematical adj3 ratio same (reflect$4 and transmitt$4) near5 (ultrasonic or ultrasound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:25
S136	1	mathematical adj3 ratio same (reflect$4 and transmitt$4) same (ultrasonic or ultrasound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:25
S137	5	mathematical adj3 ratio same (reflect$4 and transmitt$4) same wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:25
S138	3	mathematical adj3 ratio same (reflect$4 and transmitt$4) same limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:27
S139	3	mathematical adj3 ratio same limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:28
S140	3	mathematical adj5 ratio same limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:28
S141	33	mathematical adj5 ratio same (ultrasonic or ultrasound or sound or sonic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:29

S142	2	mathematical adj5 ratio same (ultrasonic or ultrasound or sound or sonic) near5 limpness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 20:29
S143	7	limpness same (reflected and transmitted) near3 (signal or wave)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/12 21:14
S144	4	("5922959").URPN.	USPAT	OR	ON	2008/08/12 21:15
S145	0	(ultrasonic or ultrasound or sonic or sound) near5 mathematical adj1 ratio	USPAT	OR	ON	2008/08/12 21:18
S146	8	(ultrasonic or ultrasound or sonic or sound) same mathematical adj1 ratio	USPAT	OR	ON	2008/08/12 21:18
S147	0	(ultrasonic or ultrasound or sonic or sound) same limpness same ratio near3 mathematical	USPAT	OR	ON	2008/08/12 21:18
S148	0	(ultrasonic or ultrasound or sonic or sound) same limpness same ratio	USPAT	OR	ON	2008/08/12 21:19
S149	0	(ultrasonic$4 or ultrasound$4 or sonic$4 or sound$4) same limpness same ratio	USPAT	OR	ON	2008/08/12 21:19
S150	9	(ultrasonic$4 or ultrasound$4 or sonic$4 or sound$4) same limpness	USPAT	OR	ON	2008/08/12 21:19
S151	0	(reflected and transmitted) adj3 (wave or signal) same (mathematical adj1 ratio or ratio) same limpness	USPAT	OR	ON	2008/08/12 21:24
S152	353	(reflected and transmitted) adj3 (wave or signal) same (mathematical adj1 ratio or ratio)	USPAT	OR	ON	2008/08/12 21:25
S153	0	(reflected and transmitted) adj3 (wave or signal) same (mathematical adj1 ratio or ratio) same (limpness or flappiness or dropness or flacidity)	USPAT	OR	ON	2008/08/12 21:28

S154	0	(reflected and transmitted) adj3 (wave or signal) same (limpness or flappiness or dropness or flacidity)	USPAT	OR	ON	2008/08/12 21:29
S155	6	(reflected and transmitted) same (limpness or flappiness or dropness or flacidity)	USPAT	OR	ON	2008/08/12 21:29
S156	2	"2004237653"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:20
S157	0	"US2004237653"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:21
S158	0	"US2004 237653"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:21
S159	0	"2004 237653"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:21
S160	2	"2004237653"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:21
S161	2	"6931931".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/13 14:22

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